

03/23/01

ORUM & ROTH

53 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604-3606312.922.6262 PHONE
312.922.7747 FAXHonorable Commissioner
of Patents and Trademarks
Box Patent Application
Washington, D.C. 20231

26567

PATENT TRADEMARK OFFICE

J1046 U.S. PTO
03/09/2001
16668

Attorney Docket Number: 12110

Date: March 23, 2001

**NEW UTILITY PATENT APPLICATION TRANSMITTAL
UNDER 37 CFR 1.53(b)**

Transmitted herewith for filing is the patent application of Inventor(s):

HILL, Richard A., PENN, Richard, SCHOEMIG, Ewald, SUMMERS, Egil K., LACE, William H., and PHEIL, Louis D.

For (Title): QODE

1) **This is a New Patent Application**2) **Papers enclosed which are required for filing date under 37 CFR 1.53(b) are**

22 Pages of description

10 Pages of claims

1 Page of Abstract

17 Sheets of drawings

 Formal Informal

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the document referred to as enclosed therein are being deposited with the United States Postal Service on March 23, 2001 in an envelope as "Express Mail Post Office Addressee", mailing label number EL456775997US addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Sharon Stolfa
Name of person mailing paper
Signature of person mailing paper

3) **Oath or Declaration of Inventorship**

is attached
 will follow

4) **Additional papers enclosed:**

Information Disclosure Statement
 Form PTO - 1449
 Citations
 Schedule A identifying inventor(s)

5) **Language**

English
 Non-English
 The attached translation is a verified translation under 37 CFR 1.52(d)

6) **Assignment**

is attached
 will follow

7) **Foreign Priority Claim**

Certified copy(ies) of application(s)

COUNTRY	APPLICATION NUMBER	DATE FILED

from which priority is claimed

is (are) attached
 will follow

8) **Amendments**

Preliminary amendment enclosed
 Preliminary amendment will follow

9) **Filing Fee Calculation:**

Description	Claims Filed	Claims Allowed	Extra Claims	Rate of Extra Claims (per claim)	Fees
Total Claims	52	20	32	\$18	\$576
Independent Claims	8	3	5	\$80	\$400
Multiple Dependent Claim(s) Present			Yes	No	Rate
Basic Filing Fee for Regular Applications					\$270
Total Filing Fee for Large Entity Applications					\$710
Total Filing Fee for Small Entity Applications(1/2 of Large Entity)					\$355

10) **Small Entity Statement(s)**

Applicant is a small entity

11) **Fee payment being made at this time**

<input checked="" type="checkbox"/> Large Entity basic filing fee	\$710
<input type="checkbox"/> Small Entity basic filing fee	\$0
<input type="checkbox"/> Fee for processing an application with a specification in a non-English language	\$0
<input type="checkbox"/> Recordal Fee for Assignment	\$0

TOTAL FEES ENCLOSED **\$1686**

12) **Method of payment of fees**

<input checked="" type="checkbox"/> Check in the amount of	\$1686
<input type="checkbox"/> Charge Account No. 4-2219 in the amount of	\$0

13) **Authorization to charge additional fees**

The Commissioner is hereby granted general authorization under 37 CFR 1.25, effective for the pendency of the present application, to charge any underpayment of the fees set forth in 37 CFR 1.16 and 1.17, and the assignment recordal fee if any, and to credit any overpayment of those fees, to .Deposit Account No. 4-2219, referencing our docket number **12110**.

KEITH H. ORUM
REGISTRATION NUMBER 33985

GEORGE F. DVORAK
REGISTRATION NUMBER 17656


ANDREW D. BABCOCK
REGISTRATION NUMBER 44517